

## EXHIBIT B

**Write in Dark Ink on Front Side Only, Please**

INVENTION DISCLOSURE				PAGE ONE OF <u>4</u>
PDNO	10011681	DATE RCVD	ATTORNEY <u>EAA</u>	
<p><b>Instructions:</b> The information contained in this document is <b>COMPANY CONFIDENTIAL</b> and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.</p>				
<p><b>Descriptive Title of Invention:</b>  <b>Ink Jet Emissions Condensate Collection and Storage System Using Sealed Containers</b></p>				
<p><b>Name of Project:</b>  <b>FALCON</b></p>				
<p><b>Product Name or Number:</b>  <b>Scanning/Page Wide Array</b></p>				
<p>Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s):</p>				
<p>Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s):</p>				
<p>Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s):</p>				
<p><i>If any of the above situations will occur within 3 months, call your IP attorney or the Legal Department now at 1-898-4919 or 970-898-4919.</i></p>				
<p>Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.)</p>				
<p>Was the invention built or tested? If so, the date:</p>				
<p>Was this invention made under a government contract? If so, the agency and contract number:</p>				
<p><b>Description of Invention:</b> Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the Inventor(s) and witness(es).</p>				
<p>A. Description of the construction and operation of the invention (include appropriate schematic, block, &amp; timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.)</p>				
<p>B. Advantages of the invention over what has been done before.</p>				
<p>C. Problems solved by the invention.</p>				
<p>D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.).</p>				
<p><b>Signature of Inventor(s):</b> Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: <u>1</u>.</p>				
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<p>If more than four inventors, include additional information on another copy of this form and attach to this document!</p>				

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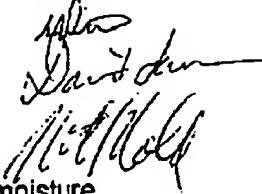
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INVENTION DISCLOSURE		COMPANY CONFIDENTIAL	PAGE <u>2</u> OF <u>4</u>	
Signature of Witness(es): (Please try to obtain the signature of the person(s) to whom invention was first disclosed.) The invention was first explained to, and understood by, me (us) on this date: <u>1</u>				
Full Name	Signature	Date of Signature		
Wade Antoine Powell	Wade A. Powell			
Full Name	Signature	Date of Signature		
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	State	Zip		
City	State	Zip		
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Mike Riou

**A: Description of Invention**

New high throughput writing systems will require heaters to drive off moisture from the paper. This is required to achieve handleability and stacking goals for the output. Once the paper and ink is heated, the high humidity air must be collected, processed and exhausted to the atmosphere. The humid air is a mixture of water from the ink, paper, solvents from the ink, and ink aerosol. Once the water and solvents have been condensed out of the system, they have to be put in a reservoir for storage or disposal.

This invention uses a sealed container as a reservoir. The condensate is pumped into the container which is then replaced at service intervals, or it is of sufficient size to last the life of the product.

(See attached diagram for a schematic of system.)

**B: Advantages of Invention:**

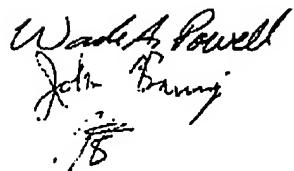
- 1) The sealed container cannot spill and is thus safe for the environment.
- 2) The container can be replaced at service intervals.
- 3) The customer can replace the container and ship the waste ink back to HP.

**C: Problems Solved by the Invention:**

- 1) The condensate is safely stored until it is disposed of.
- 2) The container can also be used as a shipping container.

**D: Prior Solutions and their Disadvantages:**

The only solution I know of is an aerosol fan to remove air from the interior of the printer. We have never cooled or condensed vapour.

Witnesses:

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Doc. No. \_\_\_\_\_

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E EMISSIONS CONDENSER / STORAGE SYSTEM

Page No. \_\_\_\_\_

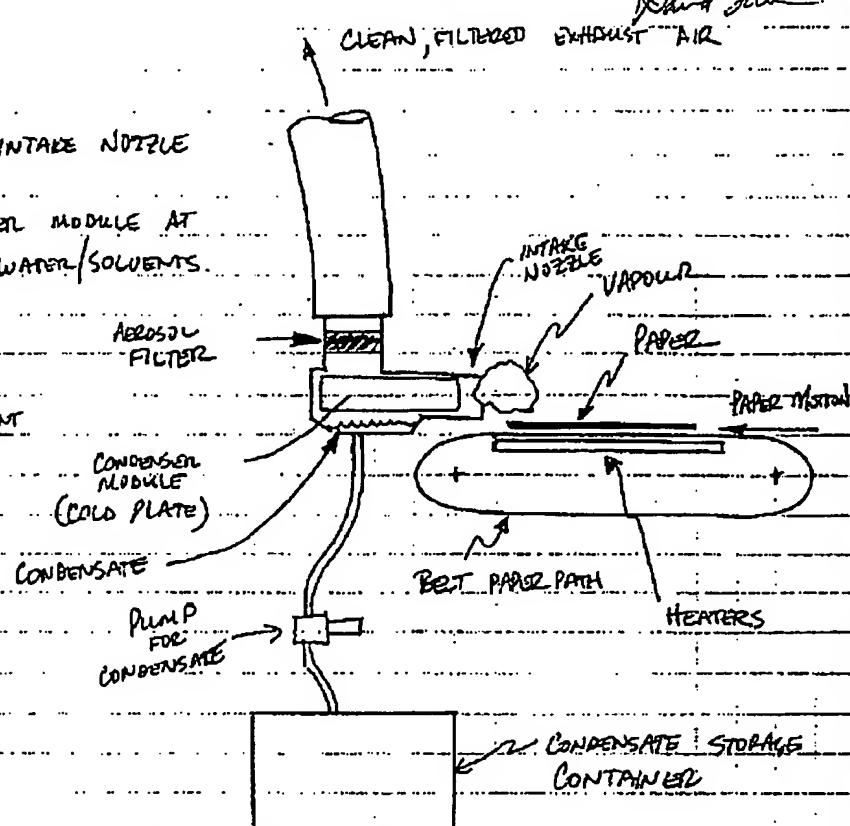
① AIR (VAPOUR) SUCKED INTO INTAKE NOZZLE

② VAPOUR RUNS ACROSS CONDENSER MODULE AT LOW TEMP TO CONDENSE WATER/SOLVENTS.

③ AIR IS FILTERED

④ AIR IS RELEASED TO AMBIENT OFFICE CONDITIONS

⑤ CONDENSATE IS PUMPED TO A RESERVOIR



(THIS RESERVOIR MAY  
BE FIXED OR  
REPLACEABLE DEPENDING  
UPON LIFE OF  
PRINTER.)

Witnesses:

Ward H. Powell

John Bray

To Page No. \_\_\_\_\_

Assessed &amp; Understood by me,

Date

Invented by

M. Price

Date